

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-018021**Date Inspected:** 04-Nov-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	An Qing Xing		
Inspected CWI report:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A

CWI Present:	Yes	No
Rod Oven in Use:	Yes	No N/A
Weld Procedures Followed:	Yes	No N/A
Verified Joint Fit-up:	Yes	No N/A
Approved WPS:	Yes	No N/A
Delayed / Cancelled:	Yes	No N/A
Component:	OBG COMPONENT	

Bridge No: 34-0006**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Subhasis Bera was present during the times noted above for observations relative to the work being performed.

In process Inspection

Outside Yard

This QA Inspector observed the following work in progress:

SAW in the 1G position for the OBG segment 11DE to 11EE, weld No.OBE11A-008.The welder is identified as #050295. ZPMC QC is identified as Mr.Wang Li Yang. The welding variables recorded by QC appear to comply with WPS-B-T-223(2)1T-1.

SAW in the 1G position for the OBG segment 11DE to 11EE, weld No.OBE11A-009.The welder is identified as #040460. ZPMC QC is identified as Mr.Wang Li Yang. The welding variables recorded by QC appear to comply with WPS-B-T-223(2)1T-1.

SMAW in the 3G position for the OBG segment 11CW to 11DW, weld No.DP694-001-020.The welder is identified as #041713. ZPMC QC is identified as Mr. Zhu Yuan Yuan. The welding variables recorded by QC appear to comply with WPS-B-T-3213-B-U3b.

SMAW in the 3G position for the OBG segment 11CW to 11DW, weld No.DP681-001-021.The welder is identified as #044551. ZPMC QC is identified as Mr. Zhu Yuan Yuan. The welding variables recorded by QC

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appear to comply with WPS-B-T-3213-B-U3b.

SMAW in the 1G position for the OBG segment 11BW to 11CW, UT repair weld No.OBW11B-008.The welder is identified as #046709. ZPMC QC is identified as Mr. Zhu Yuan Yuan. The welding variables recorded by QC appear to comply with WPS-345-SMAW-1G(1F)-FCM-REPAIR-1. The weld repair report is identified as WR16518.

Magnetic Particle Testing (MPT) for Service Platform at Bay#9

This Quality Assurance (QA) Inspector performed Visual inspection and verification of Magnetic Particle Testing (MT) 15% for OBG service platform weld. This QA inspector generated a (MT) report for this date .This area was previously tested and accepted by ZPMC QC MT technicians.

The Weld Designations are as follows

SP5-11-005,007,011

SP6-11-002,005,007

Green Tagging for service platform component at bay#9

This QA inspector performed Visual Inspection for Green Tagging which were previously tested and accepted by ZPMC Quality Control personnel and ABF QA personnel. The members are identified as service platform component SP4.

Service platform No. Green Tag No.

SP4 15061

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



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Summary of Conversations:

No relevant conversations

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 150-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Bera,Subhasis	Quality Assurance Inspector
Reviewed By:	McClendon,Timothy	QA Reviewer
